



US006343006B1

(12) **United States Patent**
Moscovitch et al.

(10) **Patent No.:** **US 6,343,006 B1**
(45) **Date of Patent:** **Jan. 29, 2002**

(54) **COMPUTER DISPLAY SCREEN SYSTEM
AND ADJUSTABLE SCREEN MOUNT, AND
SWINGING SCREENS THEREFOR**

(76) **Inventors:** **Jerry Moscovitch**, 59 Cowar Avenue,
Toronto, Ontario (CA), M6K 2N1;
Mark D. Elchuk, 4845 Davis Ct., Troy,
MI (US) 48098

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** **09/444,188**

(22) **Filed:** **Nov. 19, 1999**

Related U.S. Application Data

(60) Provisional application No. 60/109,668, filed on Nov. 20,
1998.

(51) **Int. Cl.⁷** **H05K 5/00; G02F 1/1333**

(52) **U.S. Cl.** **361/681; 361/682; 361/683;
348/794; 364/708.1**

(58) **Field of Search** **361/681-683;
345/205; 248/917; 40/530; 348/794; 364/708.1**

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,112,423 A	9/1978	Bertolasi	
4,159,417 A	6/1979	Rubincam	
D278,820 S	5/1985	Woodhall	
5,122,941 A	6/1992	Gross et al.	362/276
5,224,861 A	7/1993	Glass et al.	434/35
D340,235 S	10/1993	Robak et al.	
5,467,102 A	11/1995	Kuno et al.	
5,534,888 A	7/1996	Lebby et al.	
5,673,170 A	9/1997	Register	
5,687,939 A	11/1997	Moscovitch	248/122.1
5,918,841 A	7/1999	Sweere et al.	248/123.11
6,015,120 A	1/2000	Sweere et al.	248/123.11
6,019,332 A	2/2000	Sweere et al.	248/284.1

6,061,104 A * 5/2000 Evanicky et al. 348/827

FOREIGN PATENT DOCUMENTS

JP	3-291722 A	12/1991	G06F3/14
JP	10-55165 A	2/1998	G09G3/20
JP	11-271730 A	10/1999	G02F1/1333

OTHER PUBLICATIONS

Brochure on "Galileo 1S" from Specialized Technology
Group, dated Sep. 8, 1998.

Advertisement from Smart Glas, dated Sep. 8, 1998.

* cited by examiner

Primary Examiner—Leo P. Picard

Assistant Examiner—Anatoly Vortman

(74) *Attorney, Agent, or Firm*—Harness Dickey & Pierce
P.L. C.

(57) **ABSTRACT**

A dual screen display system having, a base, a pair of
electronic display screens, an arm assembly supporting the
display screens and connected to the base, swingable mount-
ings for swingably mounting the display screens, the mount-
ings being adjustable as to the angular orientation of each of
the display screens relative to the arm assembly between a
first arrangement with the screens in a common plane, and
a second arrangement in which the screens are inwardly
swung positions thereby to permit each of the screens to be
swung into desired operative angular orientation, and adjust-
able movement limiting devices, engaging the swinging
mountings and limiting movement of the screens. Also
disclosed are interchangeable mounting brackets for mount-
ing screens of varying sizes, or for mounting screens in
various configurations, and hingeable and rotatable support
members for supporting the screens so the screens are
swingable to face in opposite directions. A modular display
system is also disclosed which allows a one, two three or
four display panel system to be formed.

4 Claims, 26 Drawing Sheets

